

SHOFF CONSULTING ENGINEERS, L. C.

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- Civil • Environmental • Wastewater • Municipal • Water •
- Industrial • Structural • Construction Management • Transportation •
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July 22, 2009

Patrick Ian Rigg, City Administrator
Eldora City Hall
1442 Washington Street
Eldora, IA 50627

Subject: Cost Estimate for IA-175 Drainage Improvements and Reconstruction

Dear Ian,

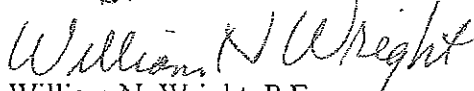
Regarding the proposed improvements to IA-175 near the railroad tracks and the HyVee complex, we submit the following:

The project will involve the reconstruction of a 0.12 mile segment of IA-175 including water, sanitary and storm water utilities, and construction of approximately 1300' of 24" and 30" storm water interceptor to resolve the present serious flooding conditions. Our current estimate of project costs for design and construction of the work is \$522,000.

Based on our experience, we anticipate actual construction time for the work to be 45 to 60 days, employing 6 to 20 personnel on any given work day. Of course, this time will be increased due to any significant inclement weather that may occur during the course of construction.

Please call if there are any questions in this matter.

Sincerely,


William N. Wright, P.E.

CITY OF ELDORA: IA-175 RECONSTRUCTION

PRELIMINARY COST ESTIMATE					
ITEM #	DESCRIPTION	UNITS	QUANTITY	UNT PRICE	COST
RECONSTRUCT IA-175 -- 15TH ST. TO UPRR					
1	REMOVAL OF PCC/ACC PAVEMENT	SY	2850.00	\$5.00	\$14,250.00
2	REMOVAL OF EXISTING DRIVEWAY ENTRANCES	SY	594.00	\$5.00	\$2,970.00
3	REMOVE SIDEWALK	SY	387.00	\$3.50	\$1,354.50
4	PAVEMENT, STD. OR SLIP-FORM, P.C.C. 8 IN. CLASS "C"	SY	2850.00	\$37.00	\$105,450.00
5	DRIVEWAY ENTRANCES, PCC, 6 IN. CLASS "C"	SY	594.00	\$30.00	\$17,820.00
6	SIDEWALK, P.C.C., 4 IN., CLASS "C"	SY	387.00	\$30.00	\$11,610.00
7	COMPACTION OF SUBGRADE	STA.	7.30	\$400.00	\$2,920.00
8	GRANULAR SUBBASE, 12"	SY	3163.00	\$13.00	\$41,119.00
9	REMOVE EXISTING INTAKES, IA-175	EA	4.00	\$600.00	\$2,400.00
10	REMOVE EXISTING RCP @ RR XING	LF	113.00	\$30.00	\$3,390.00
11	REMOVE EXISTING RCP, IA-175 TO 14TH AVE.	LF	298.00	\$15.00	\$4,470.00
12	INTAKE, RA-3	EA	8.00	\$2,800.00	\$22,400.00
13	INTAKE, RA-8	EA	4.00	\$3,200.00	\$12,800.00
14	SEWER, STORM, 15 IN. RCP	LF	155.00	\$38.00	\$5,890.00
15	SEWER, STORM, 18 IN. RCP	LF	670.00	\$40.00	\$26,800.00
16	SEWER, STORM, 24 IN. RCP	LF	300.00	\$60.00	\$18,000.00
17	SEWER, STORM, 30 IN. RCP	LF	1050.00	\$65.00	\$68,250.00
18	APRON, CONCRETE, 30 IN. RCP	EA	1.00	\$500.00	\$500.00
19	STORM MH, 60 IN.	EA	4.00	\$4,000.00	\$16,000.00
20	MANHOLE, SANITARY SEWER, ADJUSTMENT	EA	3.00	\$400.00	\$1,200.00
21	SUBDRAIN, PERFORATED, 6 IN.	LF	1460.00	\$10.00	\$14,600.00
22	SUBDRAIN, OUTLET, 6 IN. CMP (RF-19C)	EA	6.00	\$125.00	\$750.00
23	TRAFFIC CONTROL	LS	1.00	\$5,000.00	\$5,000.00
24	SEEDING, FERTILIZING & MULCHING	ACRE	1.00	\$1,800.00	\$1,800.00
	SUBTOTAL				\$401,743.50
	CONTINGENCY 10%				\$40,174.35
	ENGINEERING DESIGN 10%				\$40,174.35
	CONSTRUCTION ADMIN / REVIEW 10%				\$40,174.35
	RECONSTRUCTION TOTAL				\$522,266.55

This cost estimate is based on preliminary design development and should be used for preliminary planning and budget purposes only. All quantities and costs are subject to revision and adjustment during the preparation of final construction plans. The preliminary estimated project cost is an opinion of the Engineer based on previous experience and no warranty is expressed or implied.

Prepared by Shoff Consulting Engineers, LC 3/26/09